

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16J3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16J F16L B62D B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 100 61 427 A (BAYERISCHE MOTOREN WERKE) 13 June 2002 (2002-06-13) abstract; figures	1
A	EP 0 213 977 A (AUTOMOBILES PEUGEOT) 11 March 1987 (1987-03-11) abstract; figures	1
A	US 4 592 338 A (GRÄFENSTEIN) 3 June 1986 (1986-06-03) abstract; figures	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

26/01/2005

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 10061427	A	13-06-2002	DE	10061427 A1		13-06-2002
EP 0213977	A	11-03-1987	FR	2585433 A1		30-01-1987
			DE	3660997 D1		01-12-1988
			EP	0213977 A1		11-03-1987
			ES	8706919 A1		16-09-1987
US 4592338	A	03-06-1986	EP	0170494 A2		05-02-1986